

Title (en)

RESIN COMPOSITION, PRE-PREG, MOLDED ARTICLE, AND PRE-PREG MANUFACTURING METHOD

Title (de)

HARZZUSAMMENSETZUNG, PREPREG, FORMKÖRPER UND HERSTELLUNGSVERFAHREN FÜR PREPREG

Title (fr)

COMPOSITION DE RÉSINE, PRÉIMPRÉGNÉ, ARTICLE MOULÉ ET PROCÉDÉ DE FABRICATION DE PRÉIMPRÉGNÉ

Publication

**EP 4122982 A4 20230906 (EN)**

Application

**EP 21772320 A 20210316**

Priority

- JP 2020048729 A 20200319
- JP 2021010510 W 20210316

Abstract (en)

[origin: EP4122982A1] A resin composition having favorable heat stability while capable of primary curing at 140°C or lower, and having excellent heat resistance after curing, and a pre-preg having excellent heat resistance while a molded product after molding maintains mechanical characteristics are provided. The resin composition of the present invention comprises a constituent element (A): a cyanate ester resin, a constituent element (B): an imidazole compound, and a constituent element (C): silica, in which an average particle size of the silica is 0.4 µm or less. The pre-preg of the present invention comprises carbon fibers, and the resin composition of the present invention.

IPC 8 full level

**C08K 5/3445** (2006.01); **C08J 5/04** (2006.01); **C08J 5/24** (2006.01); **C08K 3/36** (2006.01); **C08K 5/3472** (2006.01); **C08K 5/3492** (2006.01); **C08K 7/06** (2006.01); **C08K 9/06** (2006.01); **C08L 61/14** (2006.01)

CPC (source: EP US)

**C08J 5/042** (2013.01 - EP); **C08J 5/243** (2021.05 - EP); **C08J 5/249** (2021.05 - EP); **C08K 3/36** (2013.01 - EP US); **C08K 5/3445** (2013.01 - US); **C08K 5/3472** (2013.01 - EP); **C08K 5/3492** (2013.01 - EP); **C08K 5/5445** (2021.01 - US); **C08K 7/06** (2013.01 - EP); **C08K 9/06** (2013.01 - EP US); **C08L 61/14** (2013.01 - EP); **C08J 2361/14** (2013.01 - EP); **C08K 2201/005** (2013.01 - EP); **C08K 2201/006** (2013.01 - EP)

C-Set (source: EP)

1. **C08K 3/36 + C08L 61/14**
2. **C08K 5/3492 + C08L 61/14**
3. **C08K 9/06 + C08L 61/14**
4. **C08K 3/36 + C08L 59/00**
5. **C08K 9/06 + C08L 59/00**
6. **C08K 7/06 + C08L 59/00**
7. **C08K 7/06 + C08L 61/14**
8. **C08K 5/3472 + C08L 61/14**
9. **C08K 5/3472 + C08L 59/00**
10. **C08K 5/3492 + C08L 59/00**

Citation (search report)

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**EP 4122982 A1 20230125**; **EP 4122982 A4 20230906**; CN 115298260 A 20221104; JP WO2021187453 A1 20210923; US 2023024268 A1 20230126; WO 2021187453 A1 20210923

DOCDB simple family (application)

**EP 21772320 A 20210316**; CN 202180021431 A 20210316; JP 2021010510 W 20210316; JP 2022508362 A 20210316; US 202217944608 A 20220914